

# DATA REQUIREMENT LISTING FOR THE OWNER SUBMISSION METHOD OF SUPPORT

1. PRODUCT NAME: ECO-N-SELECT 1.6	2. EPA REG. NO./FILE SYMBOL: 69836-R	3. FORMULATOR'S EXEMPTION SELECTED: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	4. PAGE <u>1</u> OF <u>3</u>
5. APPLICANT'S NAME & ADDRESS:  ECOVAL TECHNOLOGIES, INC. P. O. Box 5126 Valdosta, GA 31603-5126	6. APPLICATION FOR REGISTRATION DATED:  03/26/96	7. NAME OF ACTIVE INGREDIENT(S):  ACETIC ACID: ETHANOIC ACID [C <sub>2</sub> H <sub>4</sub> O <sub>2</sub> ]	

8a. PART 158/ GUIDELINE NO.	8b. NAME OF STUDY	9a. SUBMITTED BY APPLICANT	9b. DATE SUBMITTED	9f. N.A. , WAIVER, or OTHER (Explain)	10. MRID NUMBER/EPA ACCESSION NUMBER
§158.290	ENVIRONMENTAL FATE				
161-1	Degradation - Hydrolysis			WAIVER	
	Photodegradation Studies:				
161-2	In Water			WAIVER	
161-3	On Soil			NA	
161-4	In Air			NA	
	Metabolism Studies:				
162-1	Aerobic Soil			WAIVER	
162-3	Anaerobic Aquatic			NA	
162-4	Aerobic Aquatic			NA	
	Mobility Studies:				
163-1	Leaching and Adsorption/Desorption			WAIVER	
163-2	Volatility - Lab			NA	
163-3	Volatility - Field			NA	
	Dissipation Studies:				
164-1	Soil			WAIVER	
164-2	Aquatic (Sediment)			NA	

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[illegible]



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\$158.490	WILDLIFE AND AQUATIC ORGANISMS				
	Avian and Mammalian Testing:				
71-1	Avian Oral LD <sub>50</sub> (Preferably Mallard or Bobwhite)			WAIVER	
71-2	Avian Dietary LC <sub>50</sub> (Preferably Mallard and Bobwhite)			WAIVER	
71-3	Wild Mammal			NA	
71-4	Avian Reproduction (Preferably Mallard and Bobwhite)			NA	
71-5	Simulated and Actual Field Testing - Mammals and Birds			NA	
	Aquatic Organism Testing:				
72-1	Freshwater Fish LC <sub>50</sub> (Preferably Rainbow and Bluegill)			WAIVER	
72-2	Acute LC <sub>50</sub> Freshwater Invertebrates (Preferably <i>Daphnia</i> )			WAIVER	
72-3	Acute LC <sub>50</sub> Estuarine and Marine Organisms			NA	
72-4	Fish Early Life Stage and Aquatic Invertebrate Life-Cycle			NA	
72-5	Fish Life-Cycle			NA	
72-6	Aquatic Organism Accumulation			NA	
72-7	Simulated or Actual Field Testing - Aquatic Organisms			NA	

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<u>GUIDELINE NO./NAME OF STUDY</u>	<u>ACTION</u>	<u>JUSTIFICATION</u>
§158.290 ENVIRONMENTAL FATE		
161-1 Degradation - Hydrolysis	WAIVER	<sup>1</sup>
Photodegradation Studies:		
161-2 In Water	WAIVER	<sup>1</sup>
161-3 On Soil	NA	Not required for terrestrial non-food crop per 40 CFR 158
161-4 In Air	NA	Not required for terrestrial non-food crop per 40 CFR 158
Metabolism Studies:		
162-1 Aerobic Soil	WAIVER	<sup>1</sup>
162-3 Anaerobic Aquatic	NA	Not required for terrestrial non-food crop per 40 CFR 158
162-4 Aerobic Aquatic	NA	Not required for terrestrial non-food crop per 40 CFR 158
Mobility Studies:		
163-1 Leaching and Adsorption/Desorption	WAIVER	<sup>1</sup>
163-2 Volatility - Lab	NA	Not required for terrestrial non-food crop per 40 CFR 158
163-3 Volatility - Field	NA	Not required for terrestrial non-food crop per 40 CFR 158
Dissipation Studies:		
164-1 Soil	WAIVER	<sup>1</sup>
164-2 Aquatic (Sediment)	NA	Not required for terrestrial non-food crop per 40 CFR 158
164-3 Forestry	NA	Not required for terrestrial non-food crop per 40 CFR 158
164-4 Combination and Tank Mixes	NA	Not required for terrestrial non-food crop per 40 CFR 158
164-5 Soil, Long-Term	NA	Not required for terrestrial non-food crop per 40 CFR 158



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<u>GUIDELINE NO./NAME OF STUDY</u>	<u>ACTION</u>	<u>JUSTIFICATION</u>
<b>§158.290 ENVIRONMENTAL FATE (cont.)</b>		
Accumulation Studies:		
165-1 Rotational Crops - Confined	NA	Not required for terrestrial non-food crop per 40 CFR 158
165-2 Rotational Crops - Field	NA	Not required for terrestrial non-food crop per 40 CFR 158
165-3 Irrigated Crops	NA	Not required for terrestrial non-food crop per 40 CFR 158
165-4 In Fish	NA	Not required for terrestrial non-food crop per 40 CFR 158
165-5 In Aquatic Non-Target Organisms	NA	Not required for terrestrial non-food crop per 40 CFR 158
<b>§158.490 WILDLIFE AND AQUATIC ORGANISMS</b>		
Avian and Mammalian Testing:		
71-1 Avian Oral LD <sub>50</sub>	WAIVER	<sup>1</sup>
71-2 Avian Dietary LC <sub>50</sub>	WAIVER	<sup>1</sup>
71-3 Wild Mammal	NA	Not required for terrestrial non-food crop per 40 CFR 158
71-4 Avian Reproduction	NA	Not required for terrestrial non-food crop per 40 CFR 158
71-5 Simulated and Actual Field Testing - Mammals and Birds	NA	Not required for terrestrial non-food crop per 40 CFR 158
Aquatic Organism Testing:		
72-1 Freshwater Fish LC <sub>50</sub>	WAIVER	<sup>1</sup>
72-2 Acute LC <sub>50</sub> Freshwater Invertebrate	WAIVER	<sup>1</sup>
72-3 Acute LC <sub>50</sub> Estuarine and Marine Organisms	NA	Not required for terrestrial non-food crop per 40 CFR 158

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## GUIDELINE NO./NAME OF STUDY

## ACTION

## JUSTIFICATION

### §158.490 WILDLIFE AND AQUATIC ORGANISMS (cont.)

#### Aquatic Organism Testing (cont.):

72-4	Fish Early Life Stage and Aquatic Invertebrate Life-Cycle	NA	Not required for terrestrial non-food crop per 40 CFR 158
72-5	Fish Life-Cycle	NA	Not required for terrestrial non-food crop per 40 CFR 158
72-6	Aquatic Organism Accumulation	NA	Not required for terrestrial non-food crop per 40 CFR 158
72-7	Simulated or Actual Field Testing - Aquatic Organisms	NA	Not required for terrestrial non-food crop per 40 CFR 158

<sup>1</sup> This product at use rate dilutions is approximately the same concentration as household vinegar (3.5 - 8.0% acetic acid). Acetic acid is a component of metabolism for all organisms and is rapidly metabolized as a carbon source by most soil-borne bacteria. Therefore, at its use rates, this product will not negatively impact wildlife and will be rapidly degraded in the environment to CO<sub>2</sub> and water.

*PH end use product:  
PH. 1.6 (conc)*

*use aquatic  
Env. Haz.  
boiler plate  
to mitigate  
against aquatic  
exposure*

*Bird ←  
Fish  
Aquatic Invert*

*under env. hazards:*

*Do not apply to roosting or  
nesting birds,  
during flowering  
or when bees  
are actively  
foraging*